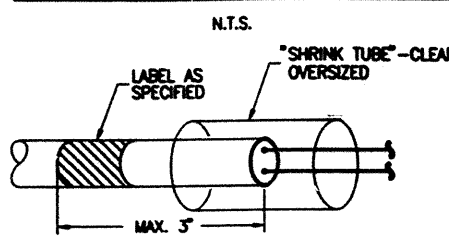


TYPICAL CABLE LABELING METHOD

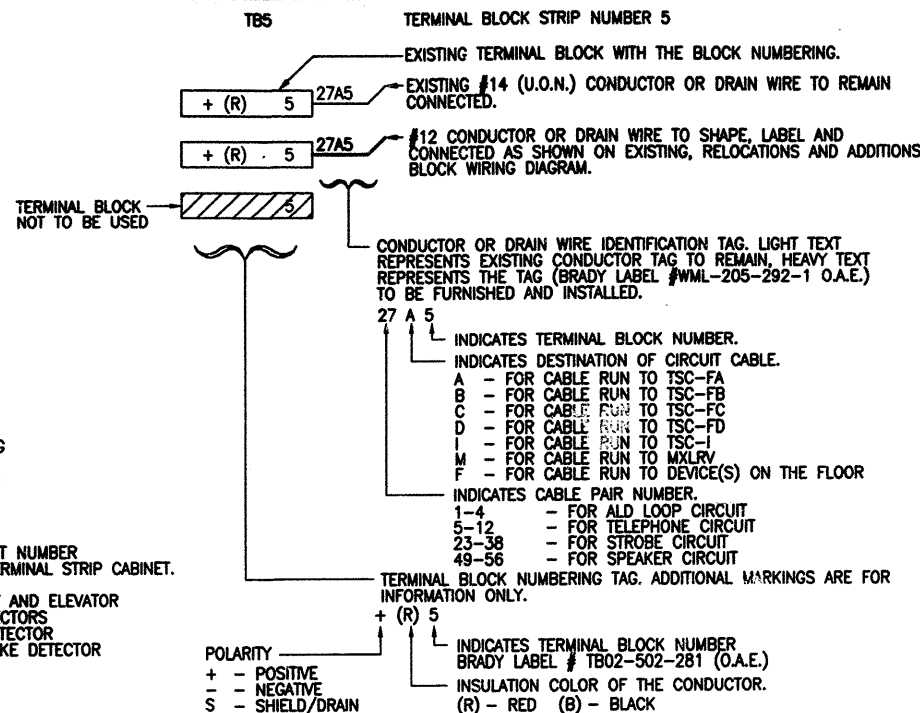


- APPLY LABEL TO OUTER JACKET OF CABLE. MAXIMUM OF 3" FROM STRIPPED END AS SHOWN. NOT TO BE COVERED BY OVERSIZED SHRINK TUBE.
- DETAIL APPLIES TO ALL CABLE TYPES

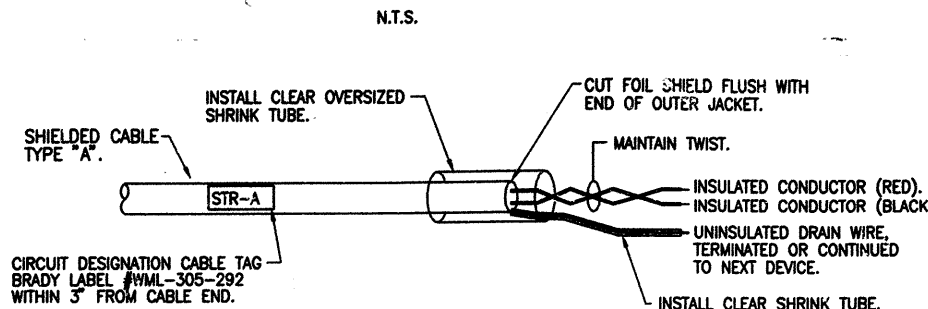
CIRCUIT LEGEND:

- CIRCUIT DESIGNATION**
- STR-A CABLE IDENTIFICATION TAG; LIGHT TEXT REPRESENTS EXISTING CABLE TAG TO REMAIN, HEAVY TEXT REPRESENTS THE TAG (BRADY LABEL #WML-305-292 O.A.E.) TO BE FURNISHED & INSTALLED.
- TYPE OF CIRCUIT:**
- STR - STROBE CIRCUIT.
 - SPK - SPEAKER CIRCUIT.
 - ALD - ALD LOOP DEVICE CIRCUIT (EXCEPT SMOKE DETECTOR).
 - TEL - TELEPHONE CIRCUIT.
 - SD - SMOKE DETECTOR CIRCUIT.
 - MPJ - MAINTENANCE PHONE JACK CIRCUIT.
 - WP - WARDEN TELEPHONE CIRCUIT.
 - SJ - STAND PIPE PHONE JACK CIRCUIT.
- CIRCUIT NUMBER OR NAME:**
- A TO G - STROBE OR SPEAKER CIRCUIT NUMBER.
 - ATC - CIRCUIT TO ADDRESSABLE TERMINAL STRIP CABINET.
 - PS - CIRCUIT TO PULL STATIONS.
 - ELEV - CIRCUIT TO ELEVATOR LOBBY AND ELEVATOR.
 - MACHINE ROOM SMOKE DETECTORS - CIRCUIT TO MACHINE ROOM SMOKE DETECTORS.
 - HWAC - CIRCUIT TO HWAC SMOKE DETECTOR.
 - AREA - CIRCUIT TO OPEN AREA SMOKE DETECTOR.
 - IC - INTERFACE CABINET CIRCUIT.
 - TIB - TENANT INTERFACE BOX.

TERMINATION LEGEND (EXISTING AND ADDITIONS)



TYPICAL SHIELD/DRAIN INSULATING METHOD "A"



NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1.
2. ALL SHIELDS MUST BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE TYPICAL SHIELD/DRAIN INSULATING METHOD "A" ON THIS DWG.
3. ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS & STRAY VOLTAGES.
4. ALL WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
5. TSC-FB WAS FORMALLY CALLED TSC-FA. SEE E-07-3.

Sheet 80 of 84

THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY

ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD
TRADE
CENTER

ELECTRICAL

Title
FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
5 WTC 3rd, 4th, 5th & 6th FLOORS

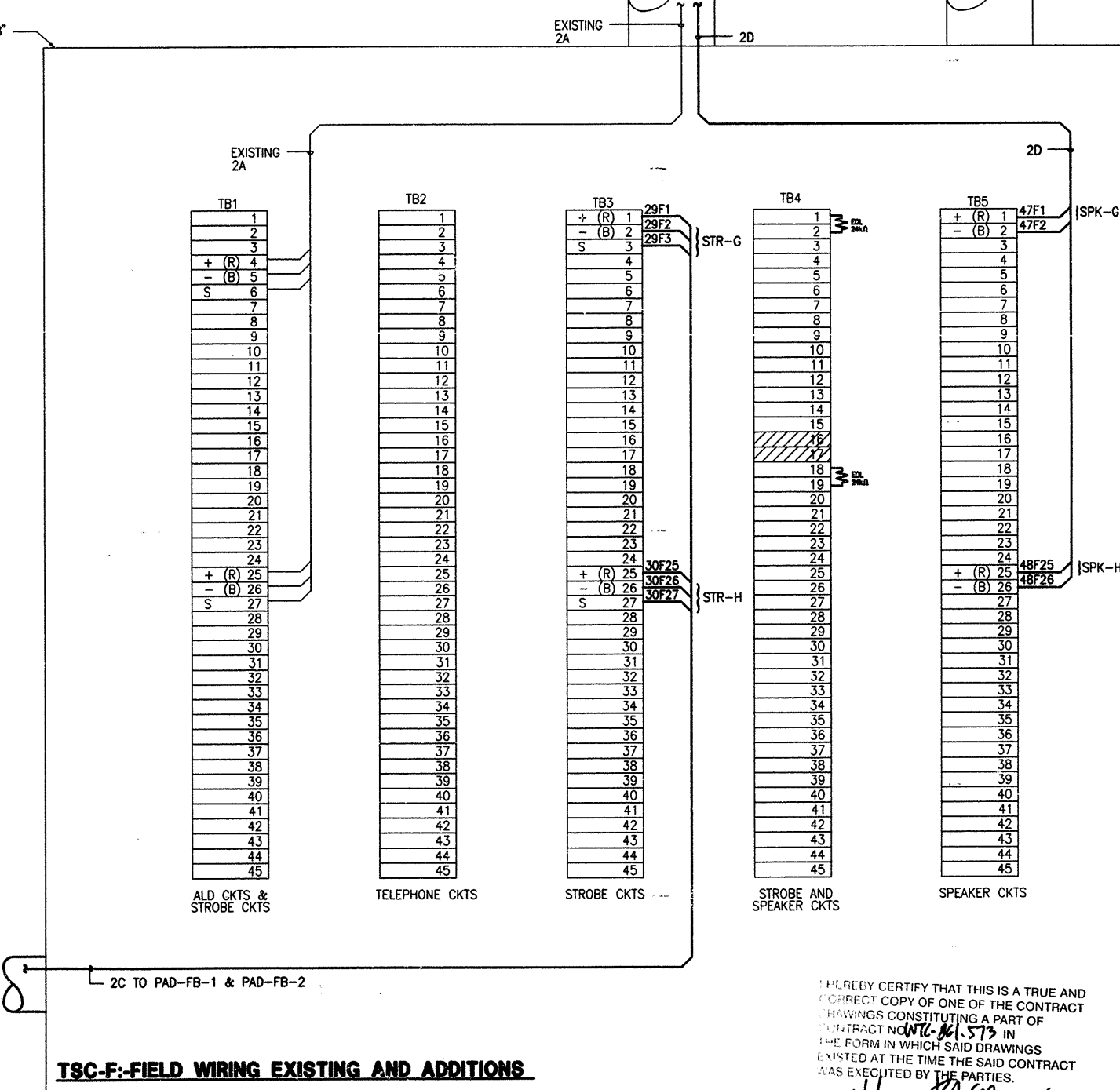
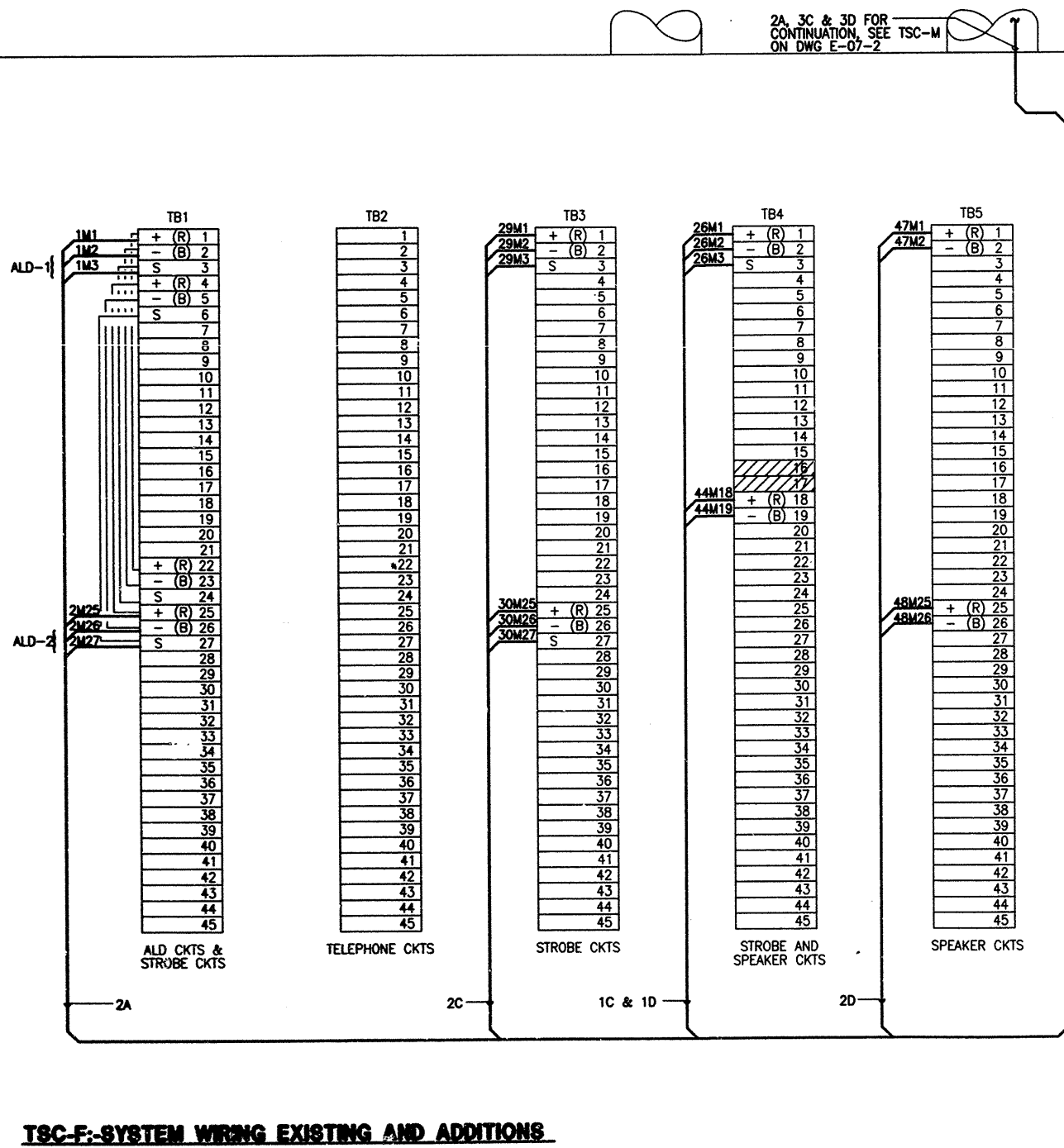
7th FLOOR TSC-FB
BLOCK WIRING DIAGRAM
EXISTING AND ADDITIONS

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN N. PALACIOS A.S.
Designed by Drawn by Checked by

NOVEMBER 26, 1993
Date

WTC-861.573 E-07-4
Contract Number Drawing Number



I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-861.573 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 11/10/93 CONTRACT ENGINEER/ARCH.

DATE 2/18/94 ENGINEERING PROGRAM MGR.